

[Name of Document] Abstract

[Abstract]

[Object] The invention provides a current data amplifier circuit of which output current value is accurate even when transistors with large variation in electrical characteristics are used.

5 [Solving Means] According to the invention, a plurality of transistors configuring a driving element is used in a series connection state when inputting current and in a parallel connection state when outputting current. Thus, it significantly suppressed that the variation are not reflected on the output current value even when the plurality of transistors configuring the driving element have variation.